

July 29, 1986

Docket No. 50-261

Mr. E. E. Utley, Senior Executive Vice President  
Power Supply and Engineering & Construction  
Carolina Power and Light Company  
Post Office Box 1551  
Raleigh, North Carolina 27602

Dear Mr. Utley:

The Commission has issued the enclosed Amendment No. 100 to Facility Operating License No. DPR-23 for the H. B. Robinson Steam Electric Plant Unit No. 2. This amendment consists of changes to the Technical Specifications in response to your request dated August 28, 1985.

The amendment adds a provision to the Technical Specifications to allow the shift compliment and fire brigade to be one less than the minimum requirement for a period not to exceed two hours.

A copy of the related Safety Evaluation is enclosed. A Notice of Issuance will be included in the Commission's next regular bi-weekly Federal Register notice.

Sincerely,

/s/

Glode Requa, Project Manager  
PWR Project Directorate #2  
Division of PWR Licensing-A

Enclosures:

1. Amendment No. 100 to DPR-23
2. Safety Evaluation

cc: w/enclosures  
See next page

\*See previous concurrence

LA: PAD#2  
DML:ter  
7/15/86

PM: PAD#2  
GRequa  
7/15/86

\*FOB  
LCrocker  
7/1/86

D: PAD#2  
LRubenstein  
7/16/86

OELD  
7/17/86

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E. Butcher

N. Thompson

V. Benaroya

Tech Branch

ACRS (10)

C. Miles, OPA

L. Tremper, LFMB

Gray File

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D:PAD#2  
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OELD  
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Mr. E. E. Utley  
Carolina Power & Light Company

H. B. Robinson 2

cc:

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Shaw, Pittman, Potts and Trowbridge  
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Department of Human Resources  
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Raleigh, North Carolina 27605

Mr. McCuen Morrell, Chairman  
Darlington County Board of Supervisors  
County Courthouse  
Darlington, South Carolina 29535

State Clearinghouse  
Division of Policy Development  
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Raleigh, North Carolina 27603

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Raleigh, North Carolina 27602

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Resident Inspector's Office  
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U.S. Nuclear Regulatory Commission  
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Mr. R. Morgan  
General Manager  
H. B. Robinson Steam Electric Plant  
Post Office Box 790  
Hartsville, South Carolina 29550



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D. C. 20555

CAROLINA POWER AND LIGHT COMPANY

DOCKET NO. 50-261

H. B. ROBINSON STEAM ELECTRIC PLANT, UNIT NO. 2

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 100  
License No. DPR-23

1. The Nuclear Regulatory Commission (the Commission) has found that:
  - A. The application for amendment by Carolina Power and Light Company (the licensee) dated August 28, 1985, complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act) and the Commission's rules and regulations set forth in 10 CFR Chapter I;
  - B. The facility will operate in conformity with the application, the provisions of the Act, and the rules and regulations of the Commission;
  - C. There is reasonable assurance (i) that the activities authorized by this amendment can be conducted without endangering the health and safety of the public, and (ii) that such activities will be conducted in compliance with the Commission's regulations;
  - D. The issuance of this amendment will not be inimical to the common defense and security or to the health and safety of the public; and
  - E. The issuance of this amendment is in accordance with 10 CFR Part 51 of the Commission's regulations and all applicable requirements have been satisfied.
2. Accordingly, the license is amended by changes to the Technical Specifications as indicated in the attachment to this license amendment, and paragraph 3.B of Facility Operating License No. DPR-23 is hereby amended to read as follows:

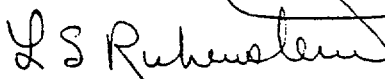
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(B) Technical Specifications

The Technical Specifications contained in Appendices A and B, as revised through Amendment No. 100, are hereby incorporated in the license. The licensee shall operate the facility in accordance with the Technical Specifications.

3. This license amendment is effective as of the date of its issuance.

FOR THE NUCLEAR REGULATORY COMMISSION



Lester S. Rubenstein, Director  
PWR Project Directorate #2  
Division of PWR Licensing-A

Attachment:  
Changes to the Technical  
Specifications

Date of Issuance: July 29, 1986

ATTACHMENT TO LICENSE AMENDMENT

AMENDMENT NO. 100 FACILITY OPERATING LICENSE NO. DPR-23

DOCKET NO. 50-261

Revise Appendix A as follows:

Remove Pages

6.2-2

Insert Pages

6.2-2

- d. At least two licensed operators shall be present in the control room during reactor start-up, scheduled reactor shutdown, and during recovery from reactor trips.
- e. An individual qualified in radiation protection procedures shall be on site when fuel is in the reactor.
- f. ALL CORE ALTERATIONS after the initial fuel loading shall be directly supervised by either a licensed Senior Reactor Operator or Senior Reactor Operator limited to fuel handling who has no other concurrent responsibilities during this operation.
- g. A plant fire brigade of at least five members shall be maintained on site at all times. This excludes three members of the minimum shift crew necessary for safe shutdown of the plant and any personnel required for other essential functions during a fire emergency.
- h. The shift complement may be one less than the minimum requirement of Section 6.2.3.a and 6.2.3.b for a period of time not to exceed 2 hours in order to accommodate unexpected absence of on-duty shift members provided immediate action is taken to restore the shift complement to within the minimum requirements of Section 6.2.3.a and 6.2.3.b. This provision does not permit any shift member position to be unmanned upon shift change due to an oncoming shift member being late or absent.

Fire brigade may be one less than the minimum requirement of Section 6.2.3.g for a period of time not to exceed 2 hours, in order to accommodate unexpected absence, provided immediate action is taken to fill the required positions.



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D. C. 20555

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION  
RELATED TO AMENDMENT NO. 100 TO FACILITY OPERATING LICENSE NO. DPR-23  
CAROLINA POWER AND LIGHT COMPANY  
H. B. ROBINSON STEAM ELECTRIC PLANT, UNIT NO. 2  
DOCKET NO. 50-261

Introduction

By letter dated August 28, 1985, Carolina Power and Light (the licensee) requested a Technical Specification change to allow the shift compliment and fire brigade to be one less than the minimum requirement as defined in their current Technical Specifications for a time period not to exceed two hours. The licensee stated that the proposed change is needed to provide for unexpected short term absence of an on-duty shift member and does not permit any position to be unmanned upon shift change due to an oncoming shift member being late or absent. The licensee further states that the Standard Technical Specifications NUREG-0452, Revision 5 provides for the requested flexibility.

Evaluation

The Standard Technical Specifications (STS), NUREG-0452, Revision 5, states in Table Notation under Table 6.2.2-1, "The shift crew composition may be one less than the minimum requirements of Table 6.2.2-1 for a period of time not to exceed 2 hours in order to accommodate unexpected absence of on-duty shift crew members provided immediate action is taken to restore the shift crew composition to within the minimum requirements of Table 6.2.2-1. This provision does not permit any shift crew position to be unmanned upon shift change due to an oncoming shift crewman being late or absent." In addition, section 6.2.2e of the STS states:

"A site fire brigade of at least five members shall be maintained on site at all times\* . . . .

\*The Health Physics Technician and fire brigade composition may be less than the minimum requirements for a period of time not to exceed 2 hours, in order to accommodate unexpected absence provided action is taken to fill the required positions."

The above allowance contained in the STS was included in Revision 5 to alleviate the unexpected short time absence problem. The licensee is proposing to alleviate their problem by including the appropriate STS wording in the H.B. Robinson 2 Technical Specification.

Summary

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Since the licensee's proposed change is similar to those in the STS as discussed above, we find the proposed change acceptable.



### Environmental Consideration

This amendment involves a change in the installation or use of a facility component located within the restricted area as defined in 10 CFR Part 20. The staff has determined that the amendment involves no significant increase in the amounts, and no significant change in the types, of any effluents that may be released offsite, and that there is no significant increase in individual or cumulative occupational radiation exposure. The Commission has previously issued a proposed finding that this amendment involves no significant hazards consideration and there has been no public comment on such finding. Accordingly, this amendment meets the eligibility criteria for categorical exclusion set forth in 10 CFR Sec 51.22(c)(9). Pursuant to 10 CFR 51.22(b) no environmental impact statement or environmental assessment need be prepared in connection with the issuance of this amendment.

### Conclusion

We have concluded, based on the considerations discussed above, that: (1) there is reasonable assurance that the health and safety of the public will not be endangered by operation in the proposed manner, and (2) such activities will be conducted in compliance with the Commission's regulations and the issuance of this amendment will not be inimical to the common defense and security or to the health and safety of the public.

Dated: July 29, 1986

Principal Contributor:

G. Requa